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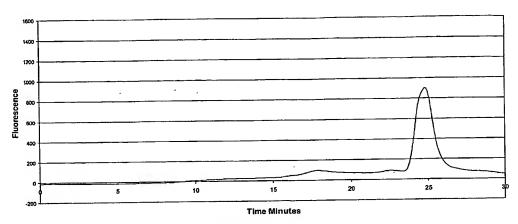


Figure 2a

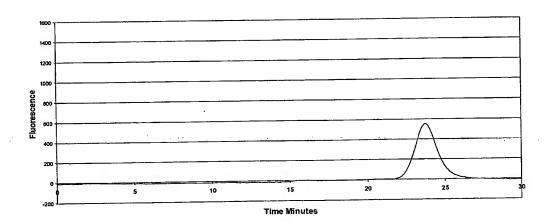


Figure 2b

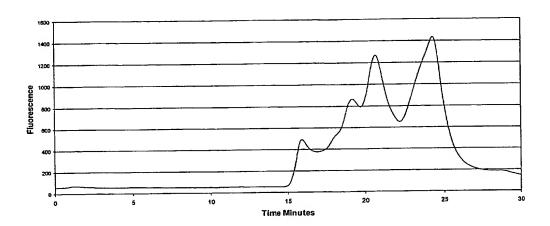


Figure 2c

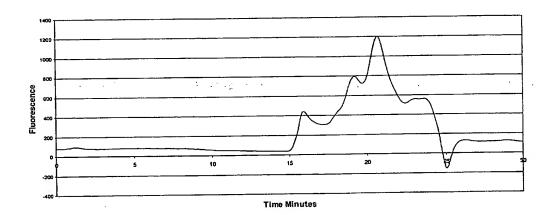


Figure 2d

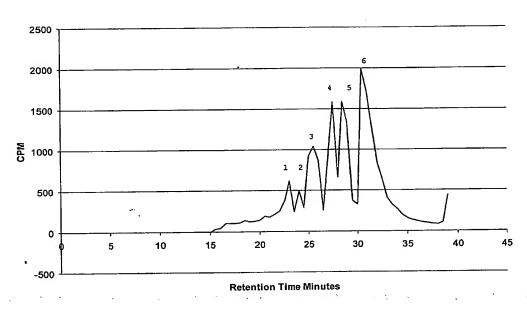


Figure 3

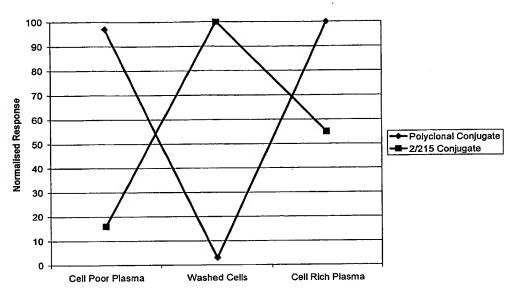


Figure 4a

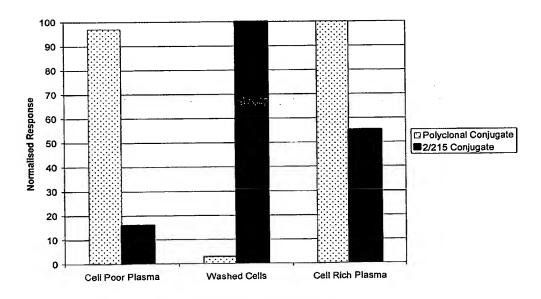


Figure 4b

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 $60\mu l$  microparticles and  $90\mu l$  sample added to reaction well

11

Reaction cell fibre matrix washed with  $50\mu l$  prewash

11

Sample and microparticles incubated for 20 min.

11

 $100\mu l$  of  $150\mu l$  sample/microparticle mix added to reaction cell fibre matrix

Ш

Reaction cell fibre matrix washed with 2 shots of 100µl MEIA buffer (3 second delay between shots)

11

 $60\mu l$  of appropriate conjugate added to reaction cell fibre matrix

IJ

20min. incubation with conjugate on reaction cell fibre matrix

H

Reaction cell fibre matrix washed with 2 shots of 100µl MEIA buffer (3 second delay between shots)

11

65µl MUP substrate added to Reaction cell fibre matrix

11

3 second delay then read

Figure 5

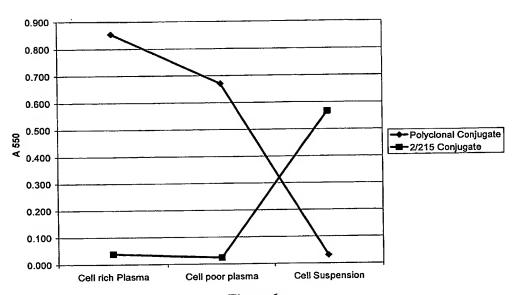


Figure 6a

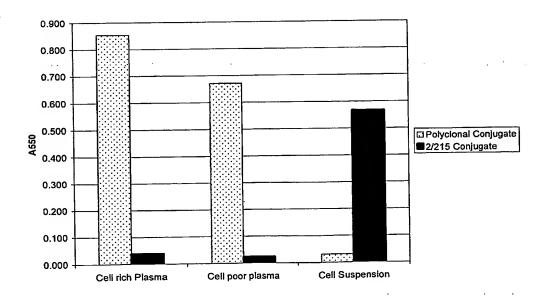


Figure 6b

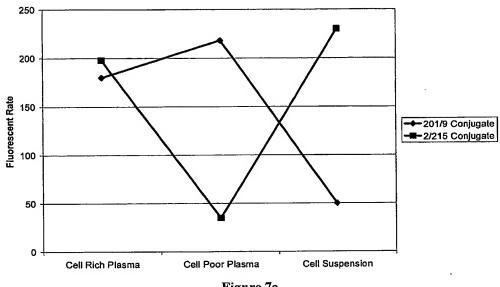


Figure 7a

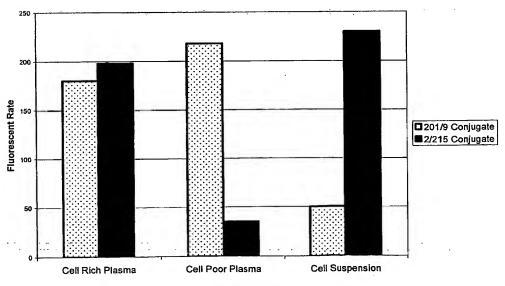
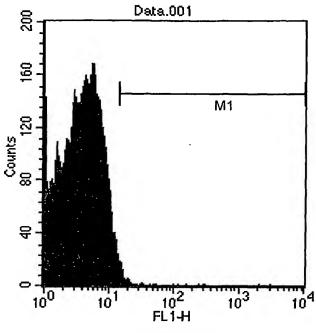


Figure 7b





## Figure 8a

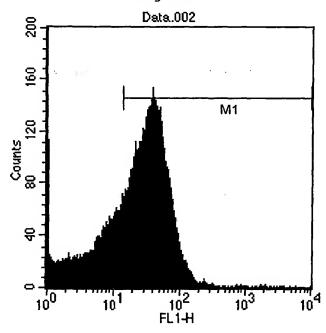


Figure 8b

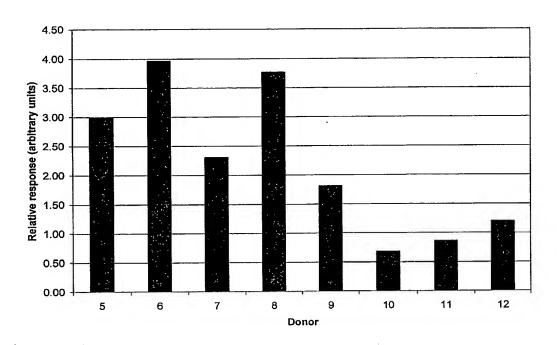


Figure 9

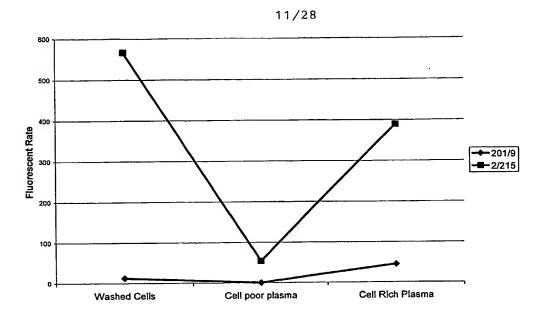


Figure 10a

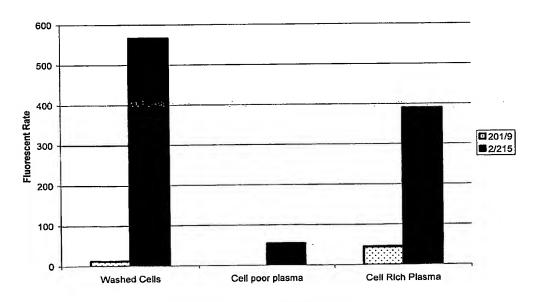
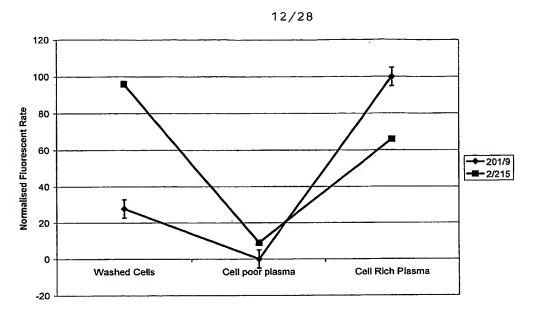


Figure 10b



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Figure 11a

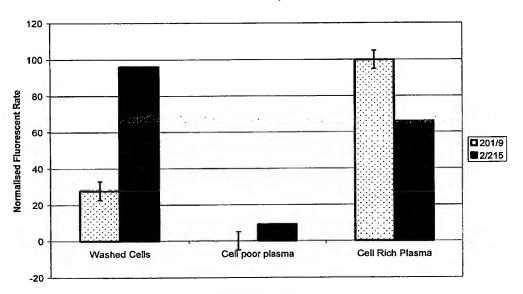


Figure 11b



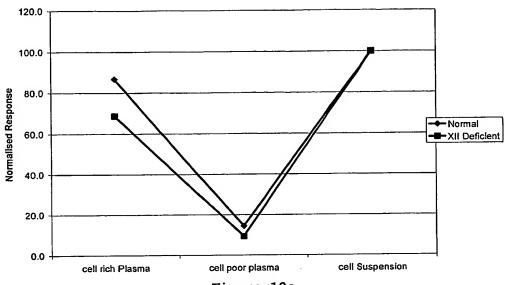
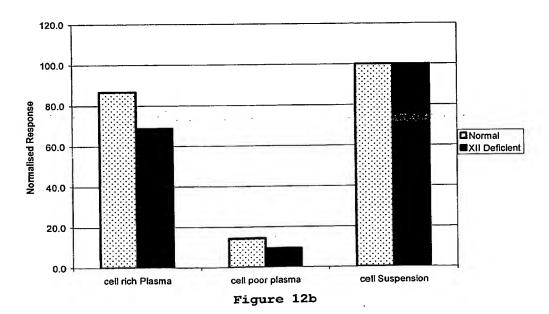
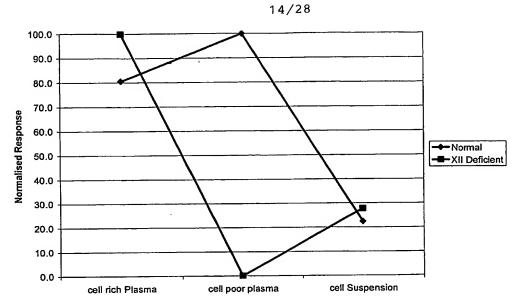


Figure 12a





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Figure 13a

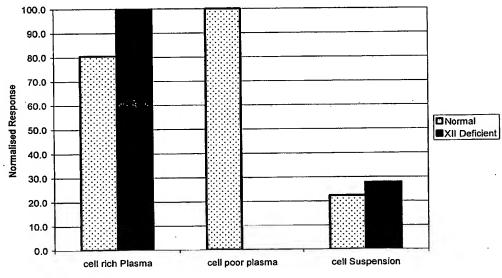
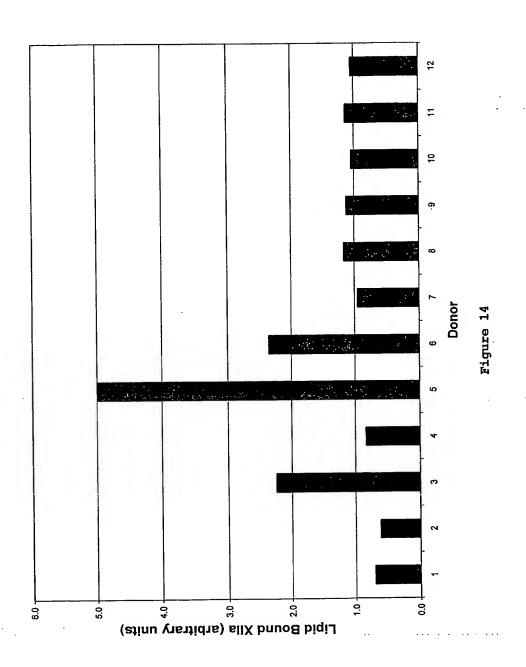
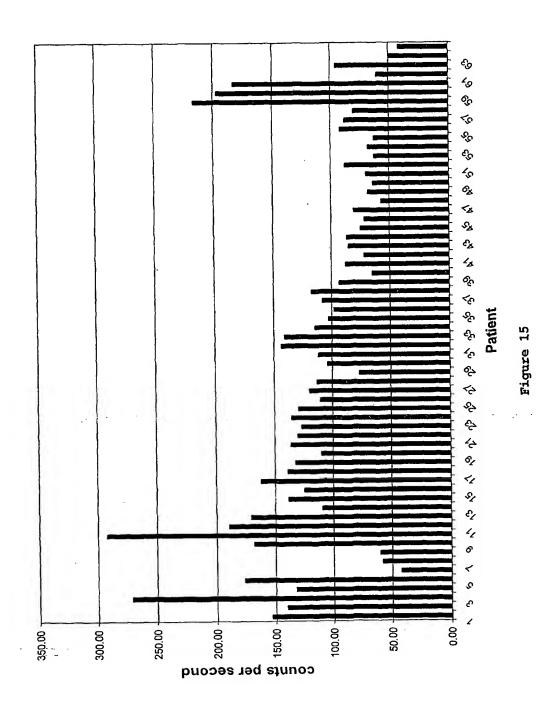


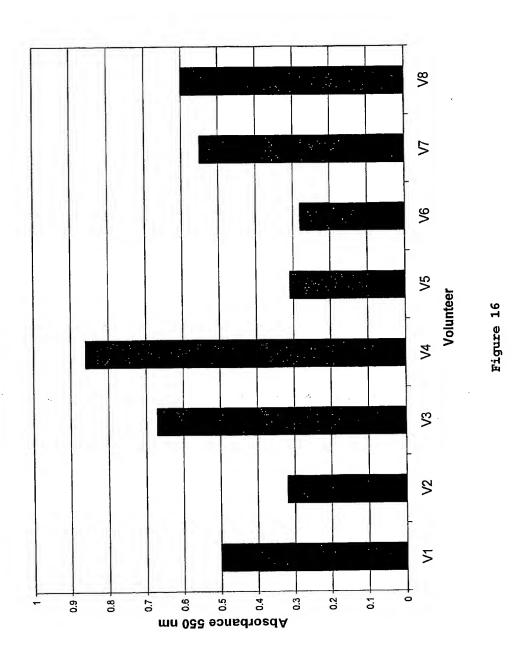
Figure 13b

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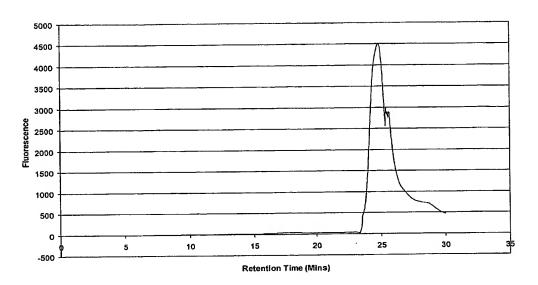


Figure 17a

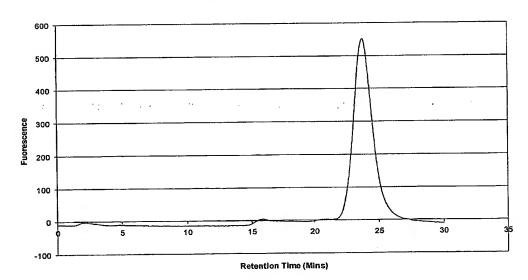


Figure 17b

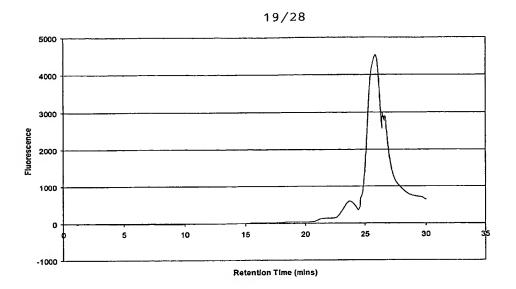


Figure 17c

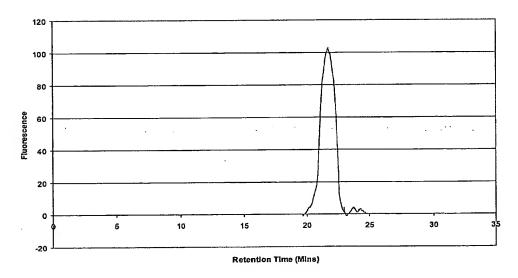


Figure 17d

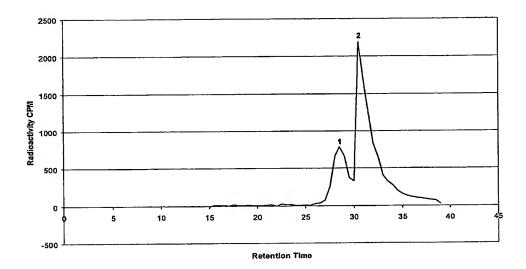


Figure 18

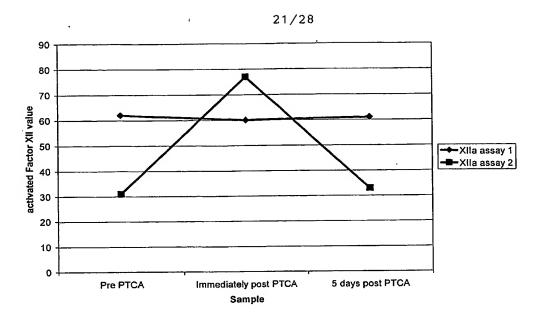


Figure 19

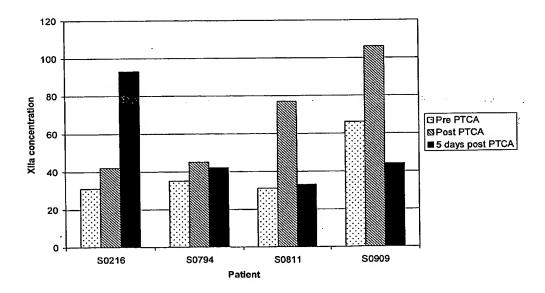


Figure 20

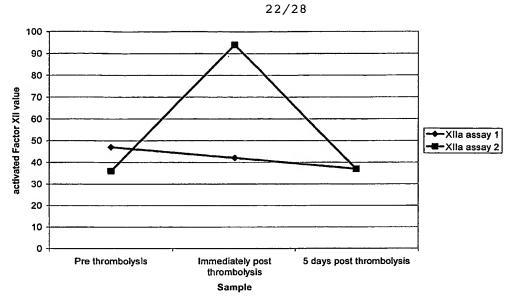


Figure 21

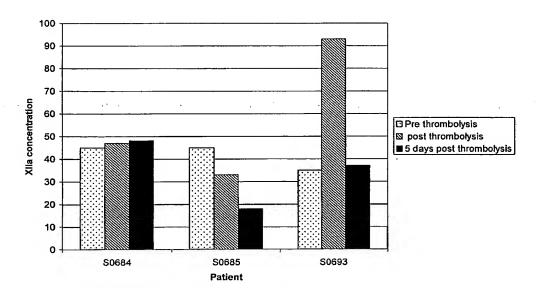


Figure 22

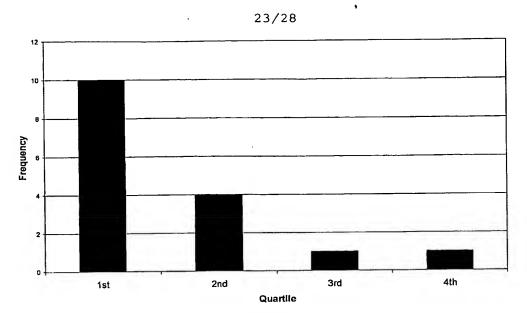


Figure 23

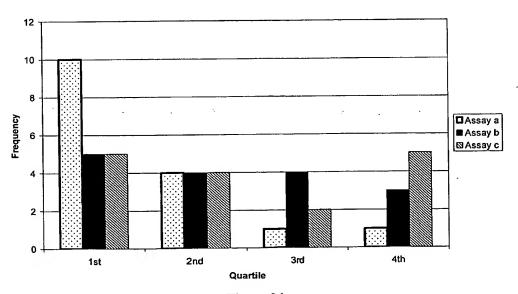


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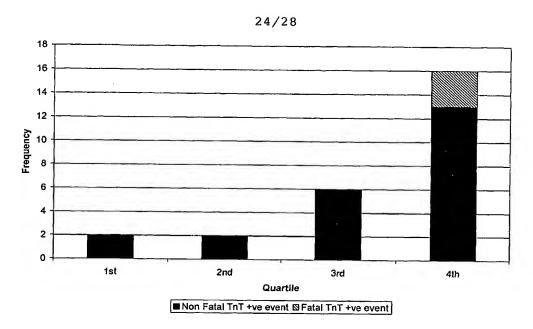


Figure 25

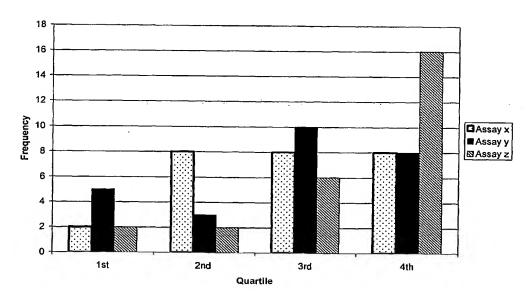


Figure 26

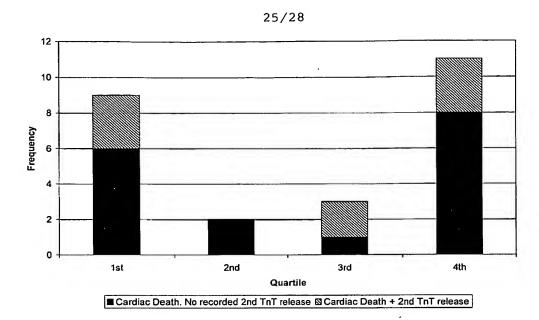


Figure 27

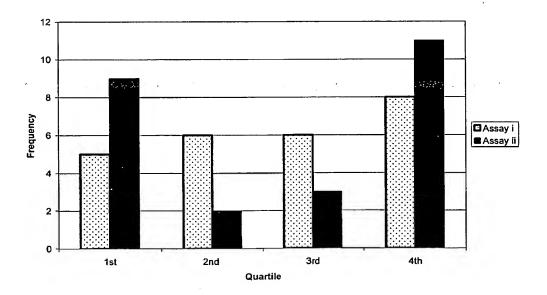
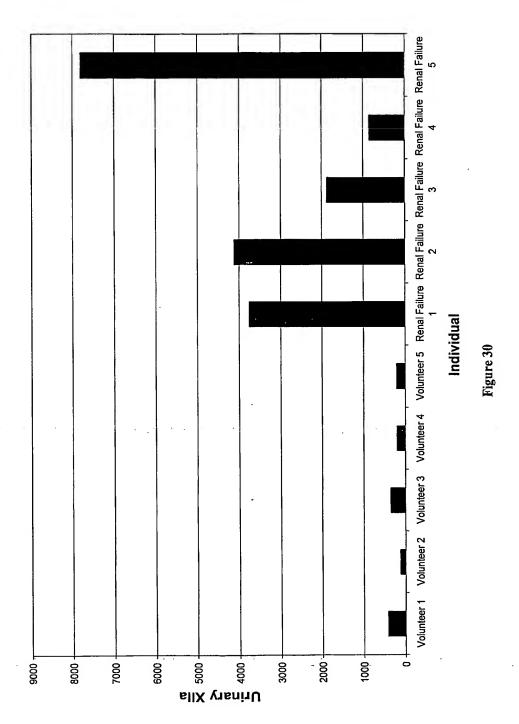


Figure 28





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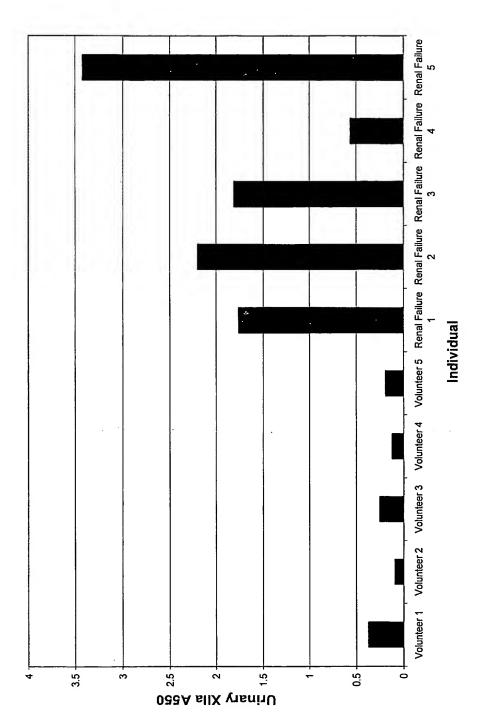


Figure 31

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